

Please type a plus sign (+) inside box

03/00  
66/60/60

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 112025-0122

First Inventor or Application Identifier Arun G. Khanna

Title DLSw RIF PASSTHRU TECHNIQUE FOR PROVIDING END-TO-END SOURCE ROUTE INFORMATION TO END STATIONS OF A DATA LINK SWITCHING NETWORK

Express Mail Label No. EL024698975US

03/04/99  
109/262/64

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility application contents

Assistant Commissioner for Patents

ADDRESS TO:  
Box Patent Application  
Washington, DC 20231

1.  \*Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2.  Specification [Total Pages 30] (preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.  Drawing(s) [Total Sheets 5]

4. Oath or Declaration [Total Pages 2]

- a.  Newly executed (original copy)  
b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

- i.  Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6.  Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission

(if applicable, all necessary)

- a.  Computer Readable Copy
- b.  Paper Copy (Identical to computer copy)
- c.  Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8.  Assignment Papers (cover sheet & document(s))

37 C.F.R. §3.73(b)

9.  Statement (when there is an assignee)  Power of Attorney

10.  English Translation Document (if applicable)

11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

12.  Preliminary Amendment

13.  Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

14.  Small Entity Statement(s)  Statement filed in prior application,  
(PTO/SB/09-12) Status still proper and desired

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILLED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. §1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

- Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner

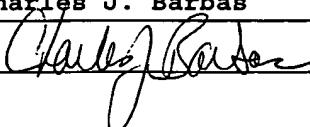
Group/Art Unit:

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Charles J. Barbas				
Address	Cesari and McKenna 30 Rowes Wharf				
City	Boston	State	MA	Zip Code	02110
Country	U. S. A.	Telephone	(617) 951-2500	Fax	(617) 951-3927

Name (Print/Type) Charles J. Barbas Registration No. (Attorney/Agent) 32,959

Signature  Date March 4, 1999

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$)</b>	<b>800</b>
--------------------------------	--------------	------------

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	March 4, 1999
First Named Inventor	Arun G. Khanna
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	112025-0122

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit

Account

Number

03-1237

Deposit

Account

Name

Cesari and McKenna, LLP

Charge Any Additional Fee  Charge the Issue Fee Set in  
Required Under  37 C.F.R. §§1.18 at the Mailing of  
the Notice of Allowance  
37 C.F.R. §§1.16 and 1.17

2.  Payment Enclosed:

Check  Money  Other  
Order

## FEE CALCULATION

### 1. BASIC FILING FEE

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	760
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)				760	

### 2. EXTRA CLAIM FEES

Extra Claims	Fee from Claims below	Fee Paid
Total Claims 20	- 20** = 0 × 18 = 0	
Independent Claims 3	- 3** = 0 × 78 = 0	
Multiple Dependent		= 0

\*\*or number previously paid, if greater; For Reissues, see below

#### Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				0

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840*Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	380	216	190 Extension for reply within second month
117	870	217	435 Extension for reply within third month
118	1,360	218	680 Extension for reply within fourth month
128	1,850	128	925 Extension for reply within fifth month
119	300	219	150 Notice of Appeal
120	300	220	150 Filing a brief in support of an appeal
121	260	221	130 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,210	241	605 Petition to revive - unintentional
142	1,210	242	605 Utility Issue fee (or reissue)
143	430	243	215 Design Issue fee
144	580	244	290 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	760	246	380 Filing a submission after final rejection (37 CFR 1.129(a))
149	760	249	380 For each additional invention to be examined (37 CFR 1.129(b))
Other (specify) Other fee (specify)			
SUBTOTAL (3) (\$)			40

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or  
Printed Name

Charles J. Barbas

Complete (if applicable)

Reg. Number

32,959

Signature

Date

March 4, 1999

Deposit Account User ID

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Arun G. Khanna )  
Serial No.: Not Yet Assigned )  
Filed: March 4, 1999 )  
For: DLSw RIF PASSTHRU TECH- )  
NIQUE FOR PROVIDING END-  
TO-END SOURCE ROUTE IN-  
FORMATION TO END STATIONS  
OF A DATA LINK SWITCHING  
NETWORK

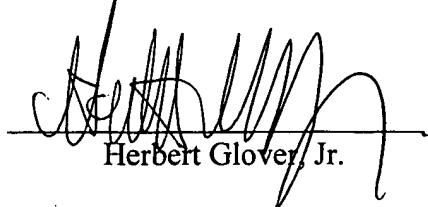
)  
Examiner: Not Yet Assigned  
)  
Art Unit: Not Yet Assigned  
)

Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
March 4, 1999

**CERTIFICATE OF EXPRESS MAILING**

“Express Mail” Mailing-Label Number: EL024698975US

I hereby certify that the following United States Patent Application (30 pages), Informal Drawings (5 pages), Declaration and Power of Attorney, Assignment, Recordation Form Cover Sheet, Check in the amount of \$760.00 and Check in the amount of \$40.00 are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231, on March 4, 1999.



Herbert Glover, Jr.